



PATENT APPLICATION

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Tohru HAYASHI

Application No.: 10/724,186

Filed: December 1, 2003

Docket No.: 117918

For: IMPACT RESISTANT STRUCTURE FOR THE HELICOPTER AND ENERGY
ABSORBER USED FOR THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of the references 7-10, 15-18 and 20 is discussed in the present specification.
- 3. English-language Abstracts of the non-English language references are attached hereto.
- 4. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([\[http://www.jpo.go.jp\]](http://www.jpo.go.jp)), and is attached, but has not been reviewed for accuracy. See References 15-18.

Respectfully submitted,

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)			US Dept. of Commerce PATENT & TRADEMARK OFFICE			ATTY DOCKET NO. 117918		APPLICATION NO. 10/724,186	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)						APPLICANT(S) Tohru HAYASHI			
						FILING DATE December 1, 2003			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME			CLASS	SUB CLASS	
	1	20020043809	04/18/2002	Vismara					
	2	5,366,181	11/22/1994	Hansen					
	3	6,427,945 B1	08/06/2002	Bansemir					
	4	5,547,148	08/20/1996	Del Monte et al.					
	5	5,542,626	08/06/1996	Beuck et al.					
	6	5,451,015	09/19/1995	Cronkhite et al.					
	7	5,069,318	12/03/1991	Kulesha et al.					
	8	5,024,399	06/18/1991	Barquet et al.					
	9	5,746,537	05/05/1998	Kellas et al.					
	10	4,593,870	06/10/1986	Cronkhite et al.					
	11	4,531,695	07/30/1985	Swinfield					
	12	4,336,868	06/29/1982	Wilson et al.					
	13	3,997,133	12/14/1976	Fagan					
	14	3,664,463	05/23/1972	Kuethe					
15 FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY			CLASS	SUB CLASS	
	15	JP A 2000-192432 w/abst & trans.	07/11/2000	Japan					
	16	JP A 2001-153169 w/abst & trans.	06/08/2001	Japan					
	17	JP A 2002-286066 w/abst & trans.	10/03/2002	Japan					
	18	JP A 2002-036413 w/abst & trans.	02/05/2002	Japan					
	19	DE 44 25 829 C1 w/abst.	10/12/1995	Germany					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)									
	20	Richard L. BOITNOTT et al., "Full-Scale Crash Test of the Sikorsky Advanced Composite Airframe Program Helicopter" US Army Research Laboratory, Vehicle Technology Directorate, MRJ Technology Solutions, Fairfax, VA							
EXAMINER								DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									